

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/816,932A

Source: IFW16

Date Processed by STIC: 4-4-06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 04/04/2006

PATENT APPLICATION: US/10/816,932A

TIME: 08:01:05

Input Set : A:\001107.00466 SUBSTITUTE SEQUENCE LISTING.txt

Output Set: N:\CRF4\04042006\J816932A.raw

4 <110> APPLICANT: Schneck, Jonathan
 5 Pardoll, Drew
 6 O'Herrin, Sean M.
 7 Slansky, Jill
 8 Greten, Tim
 10 <120> TITLE OF INVENTION: Use of Multivalent Chimeric Peptide Loaded MHC/Ig Molecules
 to Detect,
 11 Activate or Suppress Antigen Specific T Cell Dependent Immune Responses
 13 <130> FILE REFERENCE: 001107.00466
 15 <140> CURRENT APPLICATION NUMBER: 10/816,932A
 16 <141> CURRENT FILING DATE: 2004-04-05
 18 <150> PRIOR APPLICATION NUMBER: US 60/058,573
 19 <151> PRIOR FILING DATE: 1997-09-11
 21 <150> PRIOR APPLICATION NUMBER: US 60/082,538
 22 <151> PRIOR FILING DATE: 1998-04-21
 24 <150> PRIOR APPLICATION NUMBER: US 09/150,622
 25 <151> PRIOR FILING DATE: 1998-09-10
 27 <150> PRIOR APPLICATION NUMBER: US 09/789,720
 28 <151> PRIOR FILING DATE: 2001-02-22
 30 <160> NUMBER OF SEQ ID NOS: 8
 32 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 34 <210> SEQ ID NO: 1
 35 <211> LENGTH: 9
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Human T cell lymphotropic virus type 1
 39 <400> SEQUENCE: 1
 40 Leu Leu Phe Gly Tyr Pro Val Tyr Val
 41 1 5
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 9
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Influenza A virus
 49 <400> SEQUENCE: 2
 50 Gly Ile Leu Gly Phe Val Phe Thr Leu
 51 1 5
 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 9
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Human Immunodeficiency virus
 59 <400> SEQUENCE: 3
 60 Ser Leu Tyr Asn Thr Val Ala Thr Leu
 61 1 5
 64 <210> SEQ ID NO: 4
 65 <211> LENGTH: 28

RAW SEQUENCE LISTING

DATE: 04/04/2006

PATENT APPLICATION: US/10/816,932A

TIME: 08:01:05

Input Set : A:\001107.00466 SUBSTITUTE SEQUENCE LISTING.txt

Output Set: N:\CRF4\04042006\J816932A.raw

```

66 <212> TYPE: DNA
67 <213> ORGANISM: Homo sapiens
69 <400> SEQUENCE: 4
70 gatacgcggtt gggctctcac tccatgag                28
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 36
74 <212> TYPE: DNA
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 5
78 cagtcgatgc ggccgcccac ctcagggtga ggggct        36
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 60
82 <212> TYPE: DNA
83 <213> ORGANISM: Homo sapiens
85 <400> SEQUENCE: 6
86 caggtccaac tgcacgcggtt gggctctaga tgggcggccg cactggaggt gagccaggtc 60
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 20
91 <212> TYPE: PRT
92 <213> ORGANISM: Homo sapiens
94 <400> SEQUENCE: 7
95 Gln Val Gln Leu His Ala Leu Gly Ser Arg Trp Ala Ala Ala Leu Glu
96  1          5          10          15
97 Val Ser Gln Val
98          20
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 22
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Tax Peptide and spacer
109 <400> SEQUENCE: 8
110 Leu Leu Phe Gly Tyr Pro Val Tyr Val Gly Gly Gly Ser Gly Gly Gly
111  1          5          10          15
112 Gly Ser Gly Gly Gly Ser
113          20

```

VERIFICATION SUMMARY

DATE: 04/04/2006

PATENT APPLICATION: US/10/816,932A

TIME: 08:01:07

Input Set : A:\001107.00466 SUBSTITUTE SEQUENCE LISTING.txt

Output Set: N:\CRF4\04042006\J816932A.raw